



IN THE UNITED STATES PATENT AND TRADE MARK OFFICE

Re Application of: SMITH D.B.  
Serial No: 08/030,309  
Filed: May 7, 1993  
For: TRANSMISSION OF DATA IN BOREHOLES  
Examiner: Nelson Moskowitz  
Art Unit: 2202

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AMENDMENT

Hon Commissioner of Patents and Trade Marks Washington, DC  
20231.

Sir:

In response to the Official Action dated 2 November  
1994, please amend this Application as follows:-

IN THE CLAIMS

Amend Claim 1 as follows

1. (Amended) A method of transmitting data in a borehole, the method comprising providing an electric signal representative of the data to be transmitted, converting said electric signal into a sonic signal and propagating said sonic signal along an elongate tubular member having an internal bore, said data being transmitted from one side to the other of a physical obstruction in the internal bore of said elongate tubular member, the conversion of the electric signal into the sonic signal being effected at a first location on said one side; characterised in that said first location is closely adjacent said obstruction on said one side, said sonic signal is converted into an electrical signal on said other side of said obstruction at a second location